

SLR:dm 09/18/03 6235-62514 220581.doc

PATENT  
Attorney Reference No. 6235-62514

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Matsumoto et al.

Application No. 10/088,726

Filed: October 1, 2002

For: NOVEL GUANOSINE TRIPHOSPHATE-  
BINDING PROTEIN-COUPLED RECEPTORS,  
GENES THEREOF AND PRODUCTION AND  
USE OF SAME

Art Unit: 1645

Examiner: Not yet assigned

Date: September 18, 2003

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence and any  
documents referred to as being transmitted herewith are  
being facsimile transmitted to the Patent and Trademark  
Office via 703-746-9195 on September 18, 2003.

Agent for Applicants

*Total Pages Transmitted: 5*

SECOND REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Office of Initial Patent Examination  
Customer Service Center  
COMMISSIONER FOR PATENTS  
Washington, DC 20231

Sir:

Attached is a copy of a Request for Corrected Official Filing Receipt that was faxed to the U.S. Patent and Trademark Office for the above-referenced application on December 19, 2002. Also attached is a copy of the cover page of the corresponding published PCT Application No. PCT/JP00/09408, which shows the correct Foreign Applications data. To date, Applicants have not received a corrected Official Filing Receipt. Applicants again request that a corrected Official Filing Receipt be issued to correct the following error in the Foreign Applications data:

ERROR

Japan 2000/101337

CORRECT INFORMATION

Japan 2000/101339

Please call the undersigned if any further information is required.

Respectfully submitted,

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(12)特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関  
国際事務局(43) 国際公開日  
2001年7月5日 (05.07.2001)

PCT

(10) 国際公開番号  
WO 01/48188 A1(51) 国際特許分類: C12N 15/09, 1/15, 1/19, 1/21,  
5/10, C07K 14/705, 16/28, C12P 21/02, C12Q 1/02, 1/68,  
A61K 31/711, 48/00, A61P 43/00, G01N 33/15, 33/50

(21) 国際出願番号: PCT/JP00/09408

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特願平 11/375152  
1999年12月28日 (28.12.1999) JP  
特願2000/101339 2000年3月31日 (31.03.2000) JP(71) 出願人 (米国を除く全ての指定国について): 株式会社  
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Ibaraki (JP).(81) 指定国 (国内): AE, AG, AI, AM, AT, AU, AZ, BA, BB,  
BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,  
IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV,  
MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,  
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,  
UG, US, UZ, VN, YU, ZA, ZW.

[続業者]

(54) Title: NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTORS, GENES THEREOF AND  
PRODUCTION AND USE OF THE SAME(54) 発明の名称: 新規なグアノシン三リン酸結合蛋白質共役型の受容体およびそれらの遺伝子、並びにそれらの製  
造および用途(57) Abstract: Nine novel genes sustaining hydrophobic domains, which are seemingly 7 transmembrane domains characteristic  
to G protein-coupled receptors, are successfully isolated by human tissue cDNA screening. These genes and proteins which are the  
expression products thereof are usable in screening ligands, screening agonists or antagonists which are useful as drugs, diagnosing  
diseases in which these gene participate, etc.

(57) 要約:

WO 01/48188 A1

ヒト組織 cDNA のスクリーニングにより、G 蛋白質共役型受容体の特徴である  
7 個の膜貫通ドメインと考えられる疎水性領域を保持する 9 種類の新規遺伝子を  
単離することに成功した。これら遺伝子やその翻訳産物である蛋白質は、リガン  
ドのスクリーニングや医薬品として有用なアゴニストやアンタゴニストのスクリ  
ーニング、さらにはこれら遺伝子が関連する疾患の診断などに利用し得る。



Shimizu Patent / SLR

Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/088,726	10/01/2002	1645	1146	6235-62514	34	27	2

CONFIRMATION NO. 6930

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PORTLAND, OR 97204

## FILING RECEIPT



\*OC00000009207725\*

Date Mailed: 12/09/2002

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

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- ✓ Kouji Kanzaki, Tokyo, JAPAN;
- ✓ Shin-ichiro Yasuda, Tokyo, JAPAN;
- ✓ Yoshihisa Inoue, Tokyo, JAPAN;

## Domestic Priority data as claimed by applicant

- ✓ This application is a 371 of PCT/JP00/09408 12/28/2000

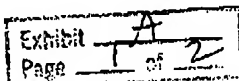
## Foreign Applications

- ✓ JAPAN 11/375152 12/28/1999
- JAPAN 2000/101337 03/31/2000

101339

Projected Publication Date: 03/13/2003

Non-Publication Request: No



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PATENT  
Attorney Reference No. 6235-62514

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Matsumoto et al.

Application No. 10/088,726

Filed: October 1, 2002

For: NOVEL GUANOSINE TRIPHOSPHATE-  
BINDING PROTEIN-COUPLED RECEPTORS,  
GENES THEREOF AND PRODUCTION AND  
USE OF SAME

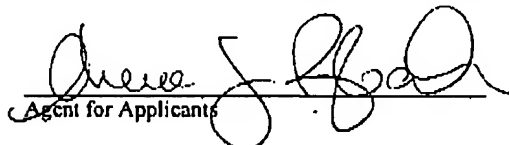
Art Unit: 1645

Examiner: Not yet assigned

Date: December 19, 2002

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence and any documents referred to as being transmitted herewith are being facsimile transmitted to the Patent and Trademark Office via 703-746-9195 on December 19, 2002.

  
Agent for ApplicantsREQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Office of Initial Patent Examination  
Customer Service Center  
COMMISSIONER FOR PATENTS  
Washington, DC 20231

Sir:

Applicants have received the official Filing Receipt for the application referenced above, a copy of which (with requested correction shown in ink) is attached as Exhibit A.

The following error appears in the Domestic Priority data as claimed by applicant on the Filing Receipt:

**ERROR**Japan 2000/101337**CORRECT INFORMATION**Japan 2000/101339

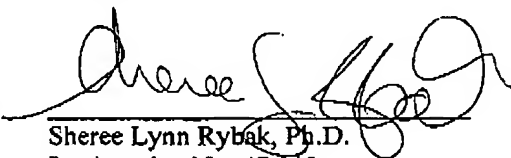
This request is being submitted within ten days of receipt of the official Filing Receipt by the undersigned agent.

Applicants request that the identified error be corrected and that a new official Filing Receipt be issued.

Please call the undersigned if any further information is required.

Respectfully submitted,

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1	CFILE	3

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Remarks:

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